

# SYSTEMS AND METHODS FOR DETECTING BI-DIRECTIONAL PASSAGE OF AN OBJECT VIA AN ARTICULATED FLAG MEMBER ARRANGEMENT

## Abstract

An articulated flag member arrangement detects bi-directional passage of an object. In embodiments, the articulated flag member arrangement comprises a first flag member and a second flag member wherein the first and second flag members interact with each other to detect bi-directional passage of an object, for example, using the same sensor.